

Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **07/03/2019** Permit Number: **107970**

Location Description: **627 ANGELICA VISTA
CANYON LAKE, TX 78133**

Subdivision: **Ensenada Shores at Canyon Lake**
Unit: **4**
Lot: **14**
Block:
Acreage:

Type of System: **Aerobic
Surface Irrigation**

Issued to: **Brett & Karla Byrum**

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority

Comal County Environmental Health

OS0032485


ENVIRONMENTAL HEALTH INSPECTOR


ENVIRONMENTAL HEALTH COORDINATOR **OS0007722**

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Paul Swayer OSSF Installer #: OS0026238
 1st Inspection Date: _____ 2nd Inspection Date: 6/20/19 ~~FINAL~~ 3rd Inspection Date: 7-3-19
 Inspector Name: Connor Inspector Name: M. K. T. Inspector Name: CONNOR
 Permit #: 107970 Address: 627 Angelica Vista La Buias

No.	Description	Amended	Criteria	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS SETBACK DISTANCES Site and Soil Conditions Compliant with Submitted Planning Materials	/	285.31(h) 285.30(h)(1)(A)(i) 285.30(h)(1)(A)(ii) 285.30(h)(1)(A)(iii) 285.30(h)(1)(A)(iv) 285.30(h)(1)(A)(v)			6/20/19	
2	SITE AND SOIL CONDITIONS SETBACK DISTANCES Setback Distances Meet Minimum Standards	/	285.31(h) 285.30(h)(1) 285.31(a)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	/	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	/	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	/	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TSSQ approved (if PRETREATMENT Sump Tank) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(G) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(i) 285.32(b)(1)(E)(ii) 285.32(b)(1)(E)(iii)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Tank set level T.C. only no house cover
 MT- 6/20/19
 Operational ✓
 Ready For Cover
 Cover Rocks in spray area
 7-3-19
 COVERED AND CLEARED

**Comal County Environmental Health
OSSF Inspection Sheet**

F2M

No.	Description	Assess	Citations	Status	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Low Angle Washes Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed	<input checked="" type="checkbox"/>	285.33(d)(1)(G)(iii)(I) 285.33 285.33(d)(1)(G)(iii)(I) 285.33(d)(1)(G)(iv) 285.33(d)(2)(G)(iii)(I) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)			6/20/19	
41	APPLICATION AREA Low Angle Washes Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed	<input checked="" type="checkbox"/>	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	APPLICATION AREA Area Maintained	<input checked="" type="checkbox"/>					
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Paul Swoyer OSSF Installer #: OS0026238
 1st Inspection Date: _____ 2nd Inspection Date: 6/20/19 3rd Inspection Date: _____
 Inspector Name: Connor Inspector Name: Mike T. Inspector Name: _____
 Permit#: 107970 Address: 627 Angelica Vista La Buias

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	✓	285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)			6/20/19	
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(iii)(ii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Tank set level T.C. only no house cover
 MT- 6/20/19
 Operational ✓
 Ready For Cover
 Cover Rocks in spray area

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK if Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and "T" Provided on inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(E) 285.91(2) 285.32(b)(1)(F) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used	✓	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		9-26-8	6/20/9	
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	✓			9-26-8	6/20/9	
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Maxx Air M-800 8 GPD	9-26-8	6/20/9	
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				




**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)	/	285.33(d)(6) 285.33(c)(4)	<i>aerobic spray</i>	9-26-18	6/20/19	
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/ Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom)</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart</p>		<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>				
33	<p>AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.</p>		285.32(c)(1)				
34	<p>AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided</p> <p>AEROBIC TREATMENT UNIT Secondary restraint system provided</p> <p>AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank</p> <p>AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions</p>						
35	<p>AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.</p>						
36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
37	<p>PUMP TANK Inspection/Clean Out Port & Risers Provided</p> <p>PUMP TANK Secondary restraint system provided</p> <p>PUMP TANK Riser permanently fastened to lid or cast into tank</p> <p>PUMP TANK Riser cap protected against unauthorized intrusions</p>						
38	<p>PUMP TANK Secondary restraint system provided</p>						
39	<p>PUMP TANK Electrical Connections In Approved Junction Boxes / Wiring Buried</p>						

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OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(i)285.33(d)(2)(G)(iii)(ii)285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(i)			6/20/19 	
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Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Paul Swoyer OSSF Installer #: OS0026238

1st Inspection Date: _____ 2nd Inspection Date: _____ 3rd Inspection Date: _____

Inspector Name: Connor Inspector Name: _____ Inspector Name: _____

Permit#: 107970 Address: 627 Angelica Vista La Buias

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3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(I) 285.32(b)(1)(E)(ii)(I)				
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tank set level T.C. only no house cover

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9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used	✓	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		9-26-18		
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
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14	AEROBIC TREATMENT UNIT Size Installed	✓			9-26-18		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Maxx Air M-800 8 GPD	9-26-18		
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
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**Comal County Environmental Health
OSSF Inspection Sheet**

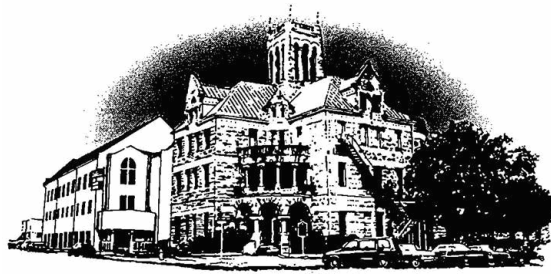
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**Comal County Environmental Health
OSSF Inspection Sheet**

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44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



Comal County

OFFICE OF COMAL COUNTY ENGINEER

Permit of Authorization to Construct an On-Site Sewage Facility Permit Valid For One Year From Date Issued

Permit Number: 107970
Issued This Date: 08/21/2018
This permit is hereby given to: Brett & Karla Byrum

To start construction of a private, on-site sewage facility located at:

627 ANGELICA VISTA
CANYON LAKE, TX 78133

Subdivision: Ensenada Shores at Canyon Lake
Unit: 4
Lot: 14
Block:
Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date 8.10.18

Permit # 107970

Owner Name Brett Allen Byrum & Karla Renee Byrum
Mailing Address 1534 Alpine Pond
City, State, Zip SAN ANTONIO, TX 78260
Phone # 281.804.1281
Email babyrum25@gmail.com

Agent Name Lonestar Aerobic Services
Agent Address PO Box 228
City, State, Zip Bocane, TX 78006
Phone # 830.443.4559
Email Wade@Lonestar.as.com

All correspondence should be sent to: ☐ Owner ☐ Agent ☒ Both

Method: Mail ☒ Email

Subdivision Name Ensenada Shores at Canyon Lake Unit 4 Lot 14 Block

Acreage/Legal 1.07 Acre

Street Name/Address 627 Angelica Vista City Canyon Lake Zip 78133

Type of Development:

☒ Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) House

Number of Bedrooms 3

Indicate Sq Ft of Living Area 3942

☐ Commercial or Institutional Facility

(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)

Type of Facility

Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants

Restaurants, Lounges, Theaters - Indicate Number of Seats

Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds

Travel Trailer/RV Parks - Indicate Number of Spaces

Miscellaneous

Estimated Cost of Construction: \$ 350,000 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

☐ Yes ☒ No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water ☒ Public ☐ Private Well

Are Water Saving Devices Being Utilized Within the Residence? ☒ Yes ☐ No

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

[Signature]
Signature of Owner

8.10.18
Date

* * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * * *
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Planning Materials & Site Evaluation as Required Completed By Wade A. Cloud, R.S.

System Description Aerobic Treatment, Surface Application

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) Maxx Air M-800, 800 GPD Absorption/Application Area (Sq Ft) 5625, Actual 5772.68

Gallons Per Day (As Per TCEQ Table III) 360

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☐ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☒ Yes ☐ No

(If yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☒ Yes ☐ No

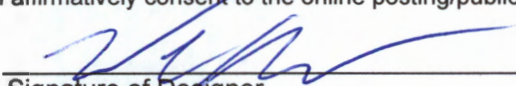
(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to Construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.


Signature of Designer

08/10/18
Date

Page 2 of 2

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By Sandra Hernandez at 8:14 am, Aug 21, 2018

Wade A. Cloud, R.S.

**PO Box 228
Boerne, TX 78006
830.443.4559**

August 20, 2018

Comal County Office of Environmental Health
195 David Jonas Drive
New Braunfels, TX 78132-3760

RE: Septic Design
627 Angelica Vista
Ensenada Shores at Canyon Lake, Unit 4, Lot 14
Brett & Karla Byrum

Ms. Ritzen/Hernandez,

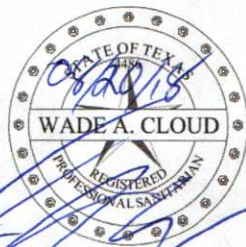
The Referenced property is located within the Edwards Aquifer Contributing Zone. This OSSF design will comply with the requirements in the CZP.

Temporary erosion and sedimentation controls should be utilized as necessary prior to construction. If any sensitive features (caves, solution cavities, sink holes, etc.) are discovered during construction, all activities must be suspended immediately and the applicant or his agent must notify the TCEQ Regional Office. Operations may proceed only after the Executive Director approves required additional engineered impact plans.

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (effective December 27, 2012).

Please contact me with any questions.

In Christ,



Wade A. Cloud, R.S. #4486

1/cb

THE COUNTY OF COMAL
STATE OF TEXAS

AFFIDAVIT



201806031875 08/13/2018 03:45:14 PM 1/1

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities (OSSF's), this document is filed in the Deed Records of Comal County, Texas.

I

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety code, requires owner's to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

II

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property described as (insert legal description):

4 UNIT/PHASE/SECTION BLOCK 14 LOT Ensenada Shores at Canyon Lake SUBDIVISION

IF NOT IN SUBDIVISION: ACREAGE SURVEY

The property is owned by (insert owner's full name): Brett Allen Byrum & Karla Renee Byrum

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

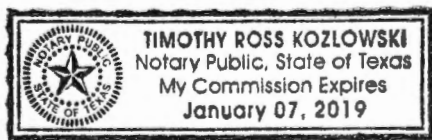
Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

WITNESS BY HAND(S) ON THIS 13th DAY OF July, 2018

Karla Byrum
Owner(s) signature(s)

Brett Byrum Karla Byrum
Owner (s) Printed name (s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 13th DAY OF July, 2018
Timothy Ross Kozlowski
Notary Public Signature



THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
08/13/2018 03:45:14 PM
LAURA 1 Page(s)
201806031875



Bobbie Koepp



PAUL SWOYER SEPTIC SUPPLY &
SERVICE
23011 FM 306
CANYON LAKE, TX 78133

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MP#0001708

CHRISTOPHER RYAN SEIDENSTICKER

PROPERTY LEGAL DESCRIPTION:

Customer: Brett Allen Byrum & Karla Renee Byrum

Site Address: 627 Angelica Vista

City/State: Canyon Lake **Zip:** 78133

County: Comal

Permit#: _____

Phone Number: _____

E-mail: _____

I. General: This On-Site Sewage Facility Service Agreement (hereinafter referred to as "Agreement") is entered into by and between Brett Allen Byrum & Karla Renee Byrum, (hereinafter referred to as "Client") and PS Supply & Service LLC. (hereinafter referred to as "Contractor"). By this agreement, Contractor agrees to render services, as described herein (the "Services"), and the client agrees to fulfill his/her/their responsibilities under this agreement herein.

II. Effective Dates: This agreement commences on the date of License to Operate is issued for Three (3) years.

Date of License to Operate: LTO 3 yr Last Date of Service: _____

III. Services by Contractor: Contractor will provide the following Services:

1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with the code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located (the "County") and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
3. Notify Client and repair any components of the OSSF that are found to be in need of repair during the inspection. If warranty, you just do it. If not, Client will be responsible. Repairs will be made so brought up to compliance and bill forward.
4. Visit site in response to Client's request for unscheduled service within two business days from the date of Contractor's actual receipt of Client's request. Unscheduled service visits are not included in the fee agreement herein and will be billed to the client in addition to fees under this Agreement.
5. Provide notification of arrival to site to the Client or to site personnel. Additionally, Contractor will leave written notification of the visit at the site or with site personnel upon completion of inspection, and forward such notice to the appropriate regulatory authority within fourteen (14) days.

IV. Payment(s): Client shall pay to Contractor included with install, for the Services describe herein (the "Inspection and Routine Maintenance Fee"), excepting those described in Section III (4), or Section IX, herein. The Fee does not include equipment, parts or labor supplied for anything beyond routine inspection and routine maintenance. Payments for such additional services are due at the time services are provided or rendered. Payments not received within thirty (30) days from the due date will be subject the greater of a \$20.00 late penalty or 1.5% carrying charge on the original balance for each month or portion thereof a balance in past due. If for any reason such charges are found to be usurious by a court of competent jurisdiction, such charges shall be reduced to the maximum allowable by law. By signing this contract, Client authorizes Contractor to remove any parts installed, but not paid in full at the end of the thirty (30) days. Client agrees to pay for any labor cost associated with the installation and the reasonable cost of removal of said parts.

Client: BA
KB

Contractor: PS

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V. Client's Responsibilities: Client is responsible for each and all of the following:

1. To maintain chlorinator and provide proper chlorine supply, if OSSF is so equipped.
2. To provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor ready access to all parts of the OSSF.
3. To maintain a current license to operate, and abide by the conditions and limitations of that license and all requirements for on-site sewage facilities from the State and local regulatory agency.
4. To maintain the OSSF in accordance with manufacturer's recommendations.
5. To immediately notify Contractor and Agency of any and all problems with, the OSSF, including failure thereof.
6. Upon receipt of any written notification of required services from Contractor, to contact Contractor and authorize the required service. If Client elects a different contractor to perform the required service, Client is responsible for ensuring the substitute contractor holds the proper license (Installer II) and is certified by the manufacturer. Additionally, Client shall be responsible for ensuring proper notification is given to the appropriate regulatory authority, as required by the State and/or local regulatory authority rules.
7. To provide Contractor with water usage records, upon request, for evaluation by Contractor of the OSSF performance.
8. To pay required sampling charges for samples collected for testing (e.g. Biological Oxygen Demand/Total Suspended Solids ("BOD/TSS")) that may be required on the OSSF.
9. To prevent backwash from water treatment or water conditioning equipment to enter the OSSF.
10. To provide, at Client's expense, for pumping of tanks as needed.
11. To maintain site drainage sufficient to prevent adverse effects on the OSSF.
12. To promptly and fully pay Contractor's bills, fees, or invoices as described herein.

VI. Access by Contractor: Client agrees to allow Contractor, or personnel authorized by the Contractor, to enter the property at reasonable times without prior notice for the purpose of performing the Services described herein. Such entry shall include access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by the manufacturer, and/or regulatory authority rules. If such manways or risers are not in place, Client shall allow and be responsible for payment of required excavation, including labor and materials, necessary to allow access to the OSSF or any required components. Such excavation shall be billed at the rate of \$75.00 per hour for labor, plus materials billed at list price. Contractor shall make only those efforts reasonable under the circumstances to replace excavated soil.

VII. Application or Transfer of Payment: The fees paid for this agreement may transfer to any subsequent owner(s) of the property on which the OSSF is located. The subsequent owner(s) must sign a similar agreement authorizing Contractor to perform the above-described Services, and accepting Client's responsibilities. The replacement Agreement must be signed and received within 30 days of transfer of ownership. Contractor will apply all funds received from Client first to any past due obligations arising from this Agreement including late charges, return check charges, and charges for repairs or services not paid within 30 days of invoicing. The consumption of the payment in this manner may lead to termination of the agreement by Contractor

VIII. Termination of Agreement: This agreement may be terminated by either party with 30 days written notice. If this agreement is so terminated by Client, Contractor shall be paid at the rate of \$75.00 per hour for any work performed or required, but not yet paid. If terminated by Contractor, all amounts outstanding shall be due within thirty days of termination. The party terminating will immediately notify the other party, the equipment manufacturer, and the regulatory agency of the termination.

IX. Limitation of Liability: In no event shall Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for direct damages exceed payments by the Client under this Agreement.

X. Severability and Reformation: If any provision in this Agreement shall be held to be invalid or unenforceable for any reason, it shall be reformed to the minimum extent necessary to effect the intent of the Parties. If any provision is such that it cannot reasonably be reformed, it shall be struck from this Agreement and the remaining provisions shall continue to be valid and enforceable.

XI. Performance of Agreement: Commencement of performance by Contractor under this agreement is contingent on the following conditions: (1) Contractor receiving a fully executed original copy of this agreement. (2) Contractor receiving payment in full of the fee(s) described herein. If the above conditions are not met, then Contractor is from any obligation to perform any portion of this agreement.

XII. Modification. This Agreement may not be changed or modified except by an instrument in writing, signed by both Contractor and Client.

XIII. Waiver. Except as otherwise noted in this Agreement, the waiver by other party of a breach of any provision of this Agreement shall not operate or be construed as a continuing waiver or as a consent to or waiver of any subsequent breach hereof.

Client:

BB KB

Contractor:

KS

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XIV. **Headings.** The Article and Section headings in this Agreement are for the convenience of reference only and do not constitute part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

XV. **GOVERNING LAW AND CHOICE OF VENUE.** EACH OF THE PARTIES HERETO HEREBY CONSENTS TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND TO THE UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS - SAN ANTONIO DIVISION, AS WELL AS TO THE JURISDICTION OF ALL COURTS TO WHICH AN APPEAL MAY BE TAKEN FROM SUCH COURTS, FOR THE PURPOSE OF ANY SUIT, ACTION, OR OTHER PROCEEDING ARISING OUT OF, OR IN CONNECTION WITH, THIS AGREEMENT OR ANY OF THE TRANSACTIONS CONTEMPLATED HEREBY, INCLUDING, WITHOUT LIMITATION, ANY PROCEEDING RELATING TO ANCILLARY MEASURES IN AID OF ARBITRATION, PROVISIONAL REMEDIES AND INTERIM RELIEF, OR ANY PROCEEDING TO ENFORCE ANY ARBITRAL DECISION OR AWARD. EACH PARTY HERETO EXPRESSLY WAIVES ANY AND ALL RIGHTS TO BRING ANY SUIT, ACTION, OR OTHER PROCEEDING IN OR BEFORE ANY COURT OR TRIBUNAL OTHER THAN COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND COVENANTS THAT IT SHALL NOT SEEK IN ANY MANNER TO PROSECUTE OR DEFEND ANY DISPUTE OTHER THAN AS SET FORTH IN THIS ARTICLE XVI OR TO CHALLENGE OR SET ASIDE ANY DECISION, AWARD, OR JUDGMENT OBTAINED IN ACCORDANCE WITH THE PROVISIONS HEREOF. EACH OF THE PARTIES HERETO HEREBY EXPRESSLY WAIVES ANY AND ALL OBJECTIONS IT MAY HAVE TO VENUE, INCLUDING, WITHOUT LIMITATION, THE INCONVENIENCE OF SUCH FORUM, IN ANY OF SUCH COURTS.

XVI. **JURY TRIAL WAIVER.** THE PARTIES HEREBY UNCONDITIONALLY WAIVE THEIR RIGHT TO A JURY TRIAL OF ANY AND ALL CLAIMS OR CAUSES OF ACTION ARISING FROM OR RELATING TO THEIR RELATIONSHIP. THE PARTIES ACKNOWLEDGE THAT A RIGHT TO A JURY IS A CONSTITUTIONAL RIGHT, THAT THEY HAVE HAD AN OPPORTUNITY TO CONSULT WITH INDEPENDENT COUNSEL, AND THAT THIS JURY WAIVER HAS BEEN ENTERED INTO KNOWINGLY AND VOLUNTARILY BY ALL PARTIES TO THIS AGREEMENT. IN THE EVENT OF LITIGATION, THIS AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

Approved by Contractor:

MP#0001708

CHRISTOPHER RYAN SEIDENSTICKER

Approved by Client:

XVII. **Reservation of Rights.** Contractor reserves all rights not specifically granted herein.

XVIII. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together will constitute one and the same instrument.

XIX. **Counsel.** Contractor has previously recommended that Client engage counsel to assist him/her/it in reviewing this Agreement and all other matters relating to it. Contractor and Client shall each bear his/her/its own costs and expenses in connection with the negotiation and documentation of this Agreement.

XX. **Entire Agreement:** This agreement contains the entire agreement of the parties, and there are no promises or conditions in any other agreement, oral or written. The Parties expressly disclaim reliance on any prior statements, oral or written, by either party not expressly provided for herein.

Client:

RB KB

Contractor:

RS

On-Site Sewage Facility Soil and Site Evaluation

Date Performed: 07/10/2018

New Installation ☒ Replacement ☐ Alteration ☐

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Property Owner's Information:

Name: Brett & Karla Byrum
Address: 12406 Mustang Court
City: Magnolia, TX 77354
Phone: _____ Fax: _____

Licensed Site Evaluator:

Name: Wade A. Cloud
Company: Blackwater Designs
Address: PO Box 228
City: Boerne, TX 78006
Phone: 210.900.2971 Fax: 210.579.6073
TCEQ License #: OS0029338

Property Description:

Subdivision: Ensenada Shores at Canyon Lake, Unit 4
Plat date: _____ Lot: 14 Block: _____
Site Address: 627 Angelica Vista
City: Canyon Lake, TX 78133
County: Comal Unicorp. Area: ☒ Y ☐ N
Property Size: _____ Acres: 1.007
Survey: _____ Abstract: _____
Additional Info: _____

Installer Information:

Name: Paul Swoyer
Company: Paul Swoyer Septics
Address: 23011 FM 306
City: Canyon Lake, TX 78133
Phone: 830.935.4936 Fax: _____
TCEQ License #: OS0026238

Topography

Slope	Vegetation	Site Drainage	Water
<input type="radio"/> Flat-under 2%	<input type="radio"/> Grass/Brush	<input type="radio"/> Poor	<input type="radio"/> Seasonal Water Table
<input type="radio"/> Slight-under 4%	<input type="radio"/> Lightly Wooded	<input type="radio"/> Adequate	<input type="radio"/> Water Table, Depth: _____
<input checked="" type="radio"/> Severe-over 5%	<input type="radio"/> Heavily Wooded	<input type="radio"/> Good	<input type="radio"/> Lakes, Ponds, Streams
			<input type="radio"/> 100 Year Flood Zone
			<input type="radio"/> Recharge Feature Within 150ft

Comments/Observations: _____

Water Supply

☒ Public, name of public water supplier: _____
☐ Private

For on-site water well:

Is water well less than 100 feet from proposed disposal area? ☐ Y ☒ N

Are neighboring wells less than 100 ft from proposed disposal area? ☐ Y ☒ N

If yes to either above, need documentation, i.e. well log or driller affidavit, that well(s) is/are pressure cemented or grouted to 100 ft or top of water table. (Cannot be closer than 50 ft)

☐ Water Softener ☐ Reverse Osmosis System ☐ Other: _____

Soil Evaluation

At least two soil evaluations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil boring or dug pits must be shown on the drawing.

For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed trench depth. For surface disposal, the surface horizon must be evaluated.

Please describe each soil horizon and identify any restrictive features in the space provided below. Draw lines at the appropriate depth.

Proposed Trench Depth N/A (Will be 18" to 36" unless designed by P.E. or R.S.)

See document on back or next page.

07/10/2018

Wade A. Cloud, SE OS0029338

Date

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On-Site Sewage Facility Design Criteria

Property Information:

Site Address: 627 Angelica Vista
 City: Canyon Lake, TX 78133

Q=Sewage in GPD:

Water Saving Devices: ☒ Yes ☐ No
 Q Gallons/Day: 360
 Greywater Included: ☒ Yes ☐ No

Rate of Adsorption (R_s):

Application Rate (gal/ft²/day): .064
 Minimum Adsorptive Area (ft²): 5625

Aerobic Treatment Unit:

Required Minimum GPD: 600, Actual 800
 Pretreatment Tank Capacity (gal): 431
 Class 1 ATU: Maxx Air M-800
 Pump Tank Capacity (gal): 854
 Disinfectant Type: Liquid Chlorine
 Pump Operation: Timer
 Quantity (gal) Dosing Cycle: Varied
 Cycle Time: 12:00 am-5:00 am
 Pump Size & Type: 1/2hp Franklin C1-Series

Comments: Installing a 800 GPD Maxx Air M-800 with 2
sprinklers set toward each other at 270° with a 35' radius.

Vegetation Plan: The surface application shall be applied
to existing vegetation, any bare area shall be seeded with a
mixture of winter rye and bermuda seed before system start up.

House Information:

Number of Bedrooms: 3
 Square Footage(Approx.): 3942 ft²
 Water Supply: Public

Supply Line From House:

Length (Approx. ft): 15'
 Size (in.): 3" or 4"
 Type: Sch 40

Supply Line from Tank to Application Area:

Length (Approx. ft): 98'
 Size (in.): 1"
 Type: Sch 40

Surface Application Area(πR^2):

$\pi(35)^2 \times .75$:	<u>2,886.34</u>	ft ²
$\pi(35)^2 \times .75$:	<u>2,886.34</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
$\pi(\quad)^2 \times \quad$:	<u>0.00</u>	ft ²
Total Adsorptive Area(ft ²):		<u>5,772.68</u>	ft ²

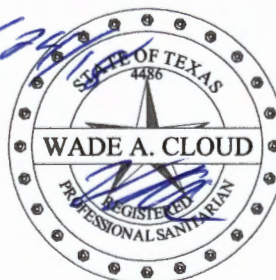
Drip Application Area:

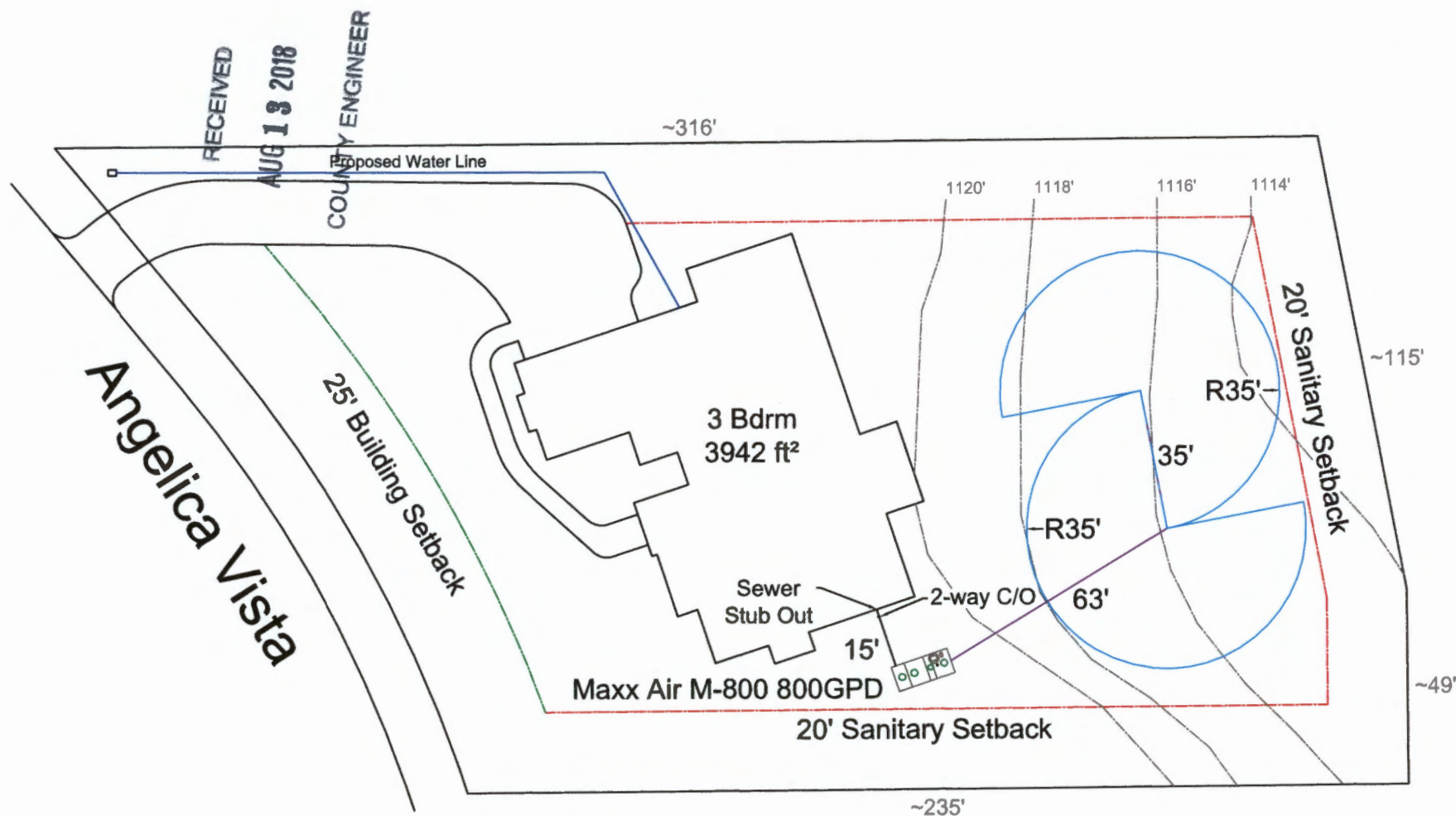
Minimum Linear Drip Tubing(ft²): N/A
 Number of Drip Emitters(Aft²/4ft²): N/A
 Number of Emitters per Field: N/A
 Pump Requirements(GPM)
 (N/A) @ 0.61 GPH @ 25 PSI: N/A

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (effective December 27, 2008) Above design is based on best available information and should function properly under normal operating conditions All changes or modifications made to design must be approved by Wade A Cloud. Application area shall have enough soil to facilitate vegetation growth.

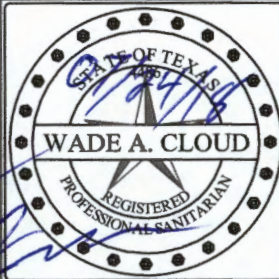
Wade A. Cloud, RS 4486
 Blackwater Designs
 PO Box 228 Boerne, TX 78006

Date
 210.900.2971

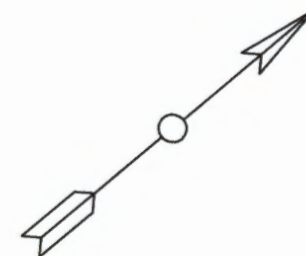




Project Name:	
627 Angelica Vista	
Drawn by:	
Blackwater Designs	
Date:	Bk/Pg:
07.24.2018	
Scale:	Signature:
1"=40'	<i>[Signature]</i>

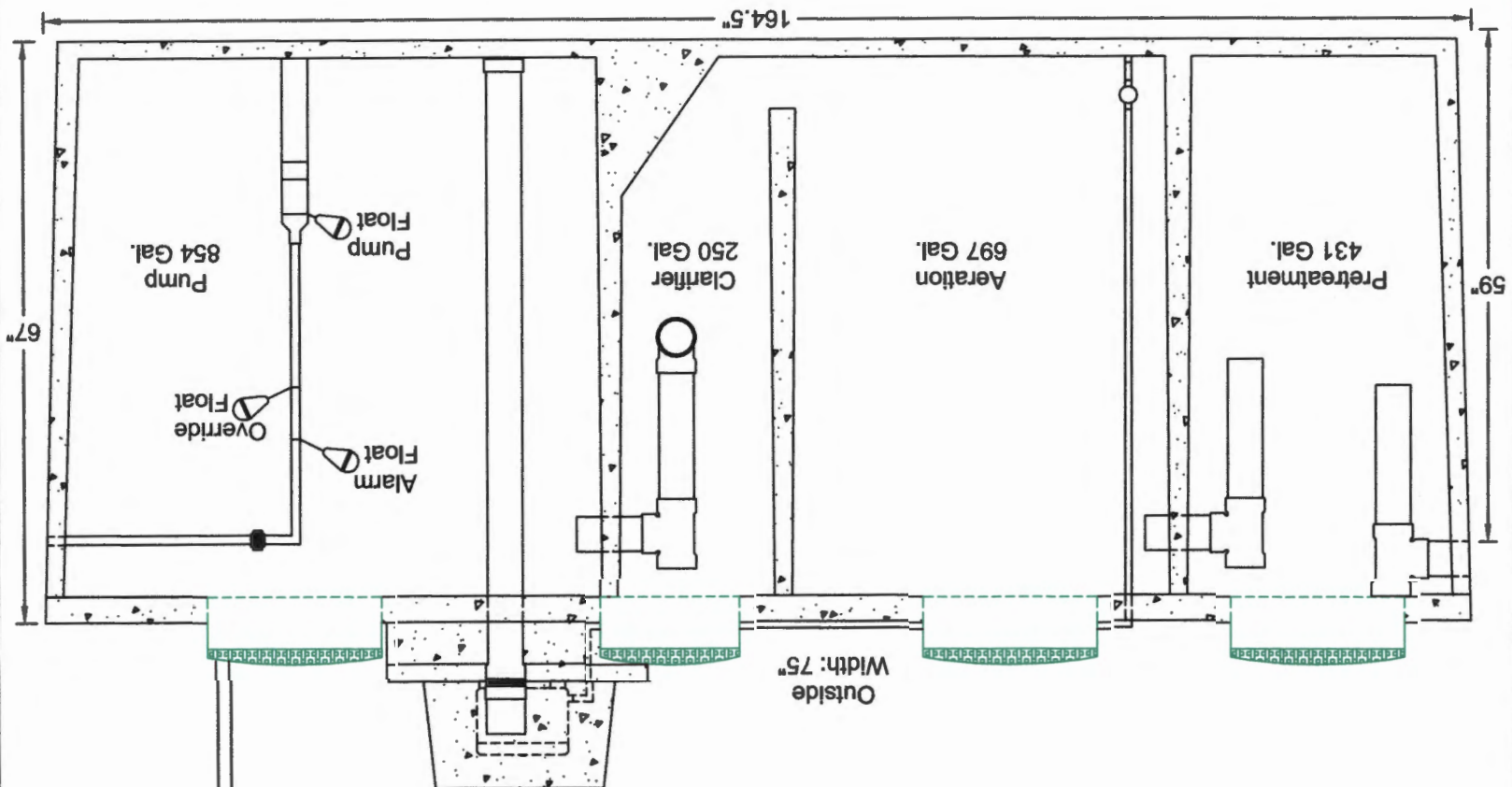


Notes:
Notes: Brett & Karla Byrum Ensenada Shores at Canyon Lake, Unit 4, Lot 14, 1.007 Acres



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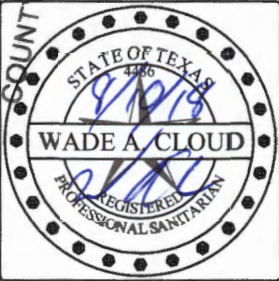
Maxx Air M-800 800 GPD ATU



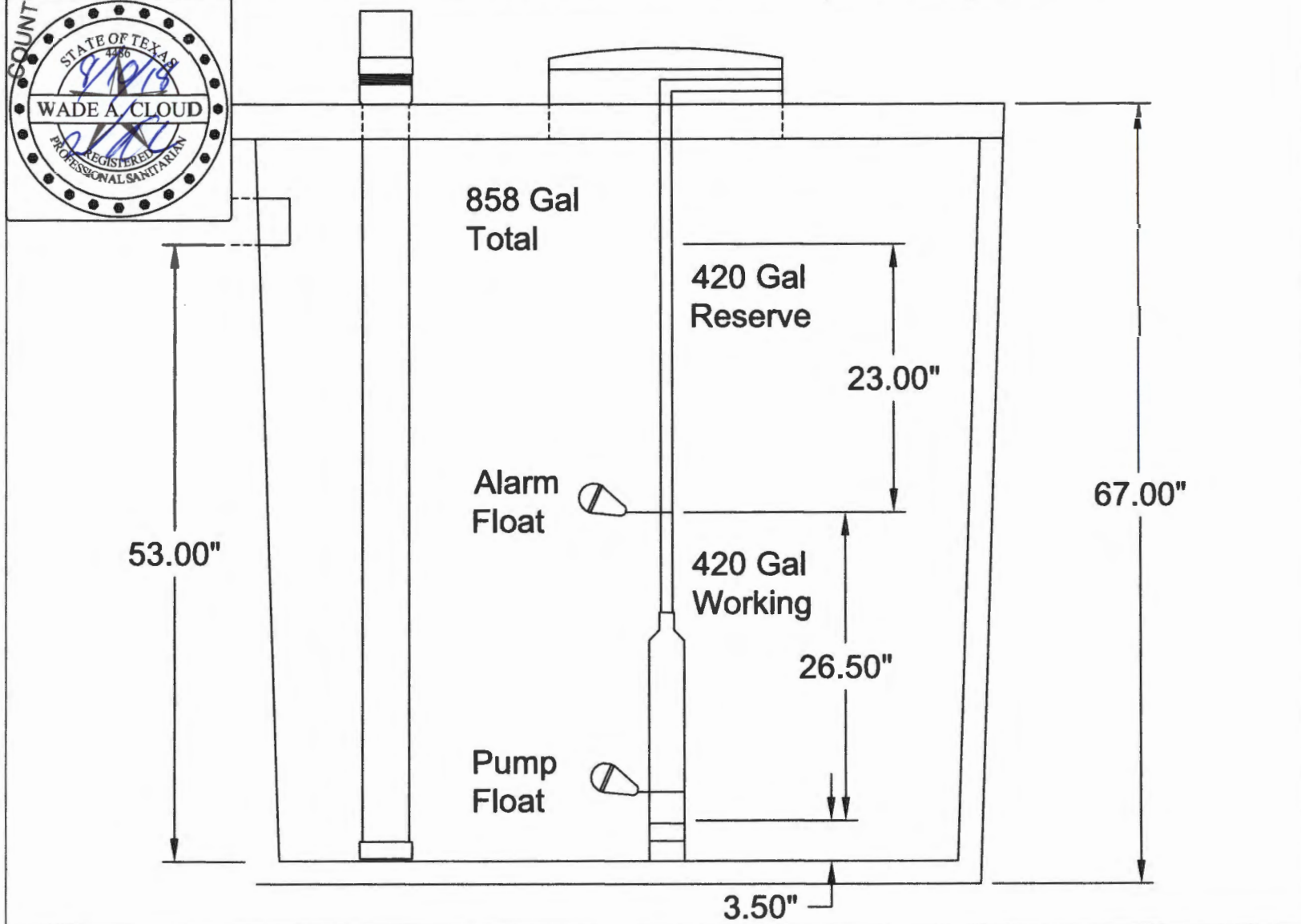
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AUG 13 2018

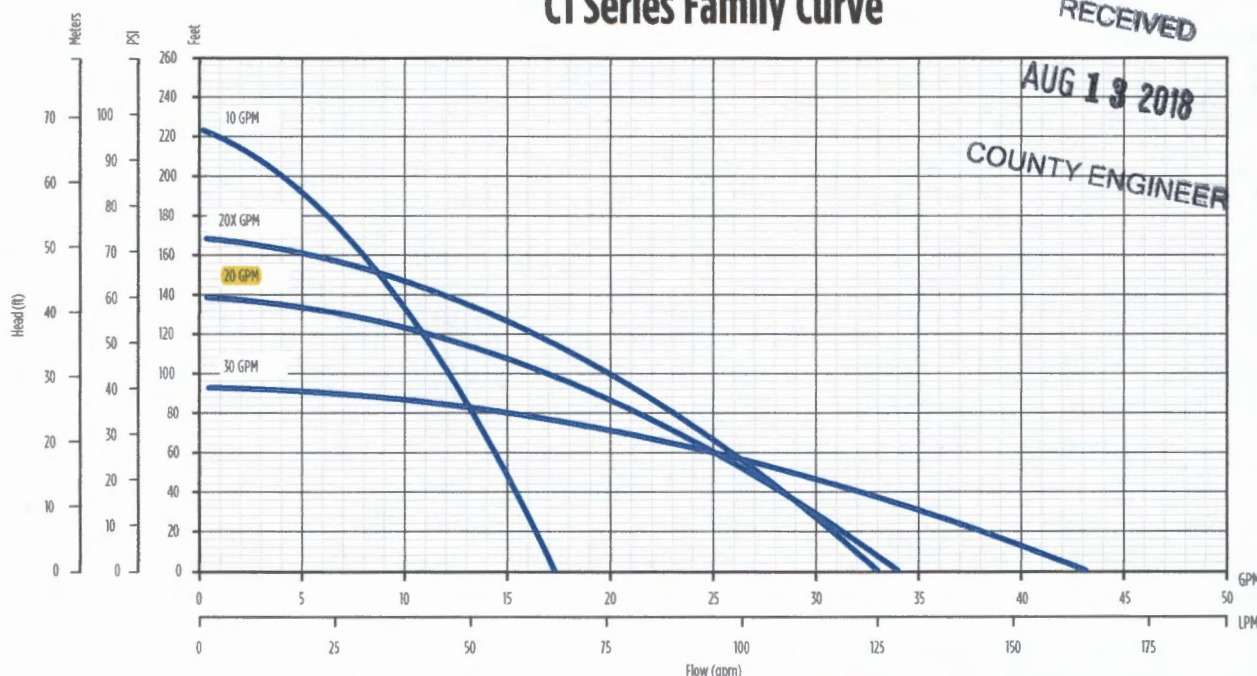
COUNTY ENGINEER



Maxx Air 800 GPD ATU Pump Compartment



C1 Series Family Curve



FEATURES

- Supplied with a removable 5" base for secure and reliable mounting
- Bottom suction design
- Robust thermoplastic discharge head design resists breakage during installation and operation
- Single shell housing design provides a compact unit while ensuring cool and quiet operation
- Hydraulic components molded from high quality engineered thermoplastics
- Optimized hydraulic design allows for increased performance and decreased power usage
- All metal components are made of high grade stainless steel for corrosion resistance
- Available with a high quality 115 V or 230 V, ½ hp motor
- Fluid flows of 10, 20, and 30 gpm, with a max shut-off pressure of over 100 psi
- Heavy duty 600 V 10 foot SJ00W jacketed lead

APPLICATIONS

- Gray water pumping
- Filtered effluent service water pumping
- Water reclamation projects such as pumping from rain catchment basins
- Aeration and other foundation or pond applications
- Agriculture and livestock water pumping

ORDERING INFORMATION

C1 Series Pumps							
GPM	HP	Volts	Stage	Model No.	Order No.	Length (in)	Weight (lbs)
10	1/2	115	7	10C1-0SP4-2W115	90301005	26	17
		230	7	10C1-0SP4-2W230	90301010	26	17
20		115	5	20C1-0SP4-2W115	90302005	25	16
230		5	20C1-0SP4-2W230	90302010	25	16	
20X		115	6	20XC1-0SP4-2W115	90302015	26	17
		230	6	20XC1-0SP4-2W230	90302020	26	17
30		115	4	30C1-0SP4-2W115	90303005	25	16
		230	4	30C1-0SP4-2W230	90303010	25	16

Note: All units have 10 foot long SJ00W leads.



Franklin Electric

franklinwater.com

M1698 07-14

PROPLUS™ GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

SPRINKLER INSTALLATION

1► INSTALL AND BURY

Do not use pipe dope. Thread the sprinkler on the pipe. Bury the sprinkler flush to grade. **NOTE:** Gear driven sprinklers and pop-up sprays should not be installed on the same watering zone.

2► INSPECTING THE FILTER

Unscrew the top and lift the complete sprinkler assembly out of the housing can. The filter is located on the bottom of the sprinkler assembly and can easily be pulled out, cleaned and re-installed.

3► WINTERIZATION TIPS

When using an air compressor to remove water from the system please note the following:

- 1) Do not exceed 30 PSI.
- 2) Always introduce air into the system gradually to avoid air pressure surges. Sudden release of compressed air into the sprinkler can cause damage.
- 3) Each zone should run no longer than 1 minute on air. Sprinklers turn 10 to 12 times faster on air than on water. Over spinning rotors on air can cause damage to the internal components.



STANDARD NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC				
	Pressure PSI	Radius Ft.	Flow GPM	Pressure KPa	Radius Meters	Flow L/M	Flow M ³ /H	
#2.5 Factory Installed Nozzle	30	38'	2.5	206	2.04	11.6	9.46	.57
	40	39'	2.8	275	2.72	11.9	10.60	.64
	50	40'	3.2	345	3.40	12.2	12.11	.73
	60	41'	3.6	413	4.08	12.5	13.25	.79
#0.5	30	28'	0.5	206	2.0	8.5	1.89	.11
	40	29'	0.6	275	3.0	8.8	2.27	.14
	50	29'	0.7	345	3.5	8.8	2.65	.16
	60	30'	0.8	413	4.0	9.1	3.03	.18
#0.75	30	29'	0.7	206	2.0	8.8	2.65	.16
	40	30'	0.8	275	3.0	9.1	3.03	.18
	50	31'	0.9	345	3.5	9.4	3.41	.20
	60	32'	1.0	413	4.0	9.8	3.79	.23
#1	30	32'	1.3	206	2.0	9.8	4.92	.14
	40	33'	1.5	275	3.0	10.1	5.68	.18
	50	34'	1.6	345	3.5	10.4	6.05	.20
	60	35'	1.8	413	4.0	10.7	6.81	.23
#2	30	37'	2.4	206	2.0	11.3	9.08	.54
	40	40'	2.5	275	3.0	12.2	9.46	.56
	50	42'	3.0	345	3.5	12.8	11.35	.68
	60	43'	3.3	413	4.0	13.1	12.49	.75
#3	30	38'	3.6	206	2.0	11.6	13.63	.75
	40	39'	4.2	275	3.0	11.9	15.89	.95
	50	41'	4.6	345	3.5	12.5	17.41	1.04
	60	42'	5.0	413	4.0	12.8	18.92	1.13
#4	30	43'	4.4	206	2.0	13.1	16.65	.99
	40	44'	5.1	275	3.0	13.4	19.30	1.15
	50	46'	5.6	345	3.5	14.0	21.19	1.27
	60	49'	5.9	413	4.0	14.9	22.33	1.33
#6	40	45'	5.9	206	3.0	13.7	22.33	1.33
	50	46'	6.0	275	3.5	14.0	22.71	1.36
	60	48'	6.3	345	4.0	14.6	23.85	1.43
	70	49'	6.7	413	5.0	14.9	25.35	1.52
#8	40	42'	8.0	206	3.0	12.8	30.28	1.81
	50	45'	8.5	275	3.5	13.7	32.12	1.92
	60	49'	9.5	345	4.0	14.8	35.95	2.15
	70	50'	10.0	413	5.0	15.3	37.85	2.27

LOW ANGLE NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC				
	Pressure PSI	Radius Ft.	Flow GPM	Pressure KPa	Radius Meters	Flow L/M	Flow M ³ /H	
#1	30	22'	1.2	207	2.04	6.71	4.54	.34
	40	24'	1.7	275	2.72	7.32	5.43	.39
	50	26'	1.8	344	3.40	7.92	6.80	.41
	60	28'	2.0	413	4.08	8.53	7.56	.46
#3	30	29'	3.0	207	2.04	8.84	11.34	.68
	40	32'	3.1	275	2.72	9.75	11.72	.71
	50	35'	3.5	344	3.40	10.67	13.23	.80
	60	37'	3.8	413	4.08	11.58	14.36	.87
#4	30	31'	3.4	207	2.04	9.45	12.85	.78
	40	34'	3.9	275	2.72	10.36	14.74	.89
	50	37'	4.4	344	3.40	11.28	16.63	1.00
	60	38'	4.7	413	4.08	11.58	17.77	1.07
#6	40	38'	6.5	275	2.72	11.58	24.57	1.68
	50	40'	7.3	344	3.40	12.19	27.59	1.76
	60	42'	8.0	413	4.08	12.80	30.24	1.82
	70	44'	8.6	482	4.76	13.41	32.51	1.96

Data represents test results in zero wind for ProPlus. Adjust for local conditions. Radius may be reduced with nozzle retention screw.



K-RAIN MANUFACTURING CORP.
1640 Australian Avenue
Riviera Beach, FL 33404 USA
PH: 1-561-844-1002 / 1-800-735-7246
FAX: 1-561-842-9493
WEB: <http://www.krain.com>

Part Number 11005109 Revision 11

© K-RAIN Manufacturing Corp. L-58921

From: [Hernandez, Sandra](#)
To: ["Lonestar"](#)
Cc: ["babyrum25@gmail.com"](#)
Subject: 107970 deficiency comment
Date: Monday, August 20, 2018 11:59:20 AM

RE: Ensenada Shores at Canyon Lake, Unit 4, Lot 14

Wade,

We received planning materials for the referenced permit application on August 13, 2018 and found those planning materials to be deficient. In order to continue processing this permit, we need the following information:

 Submit certification that this OSSF complies with provisions of the existing CZP.

If you have any questions, you can email me or call the office.

Thank you,

Sandra Ann Hernandez
Environmental Health Assistant
Comal County Engineers Office
New Braunfels, Texas 78132
830-608-2090 Office
830-608-2078 Fax
www.cceo.org

4
10

Independence Title Company
GF# 1800572-NBF



201006007062 02/26/2010 11:17:17 AM 1/4

Correction Warranty Deed with Vendor's Lien

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

Date: February 21, 2018, to be effective as of February 15, 2018

Grantor: QUEST IRA, INC. fbo SHANNAN SULLIVAN IRA 17089-21

Grantor's Mailing Address:

17171 Park Row, Suite 100
Houston, Texas 77084

Grantee: BRETT ALLEN BYRUM and KARLA RENEE BYRUM, husband and wife

Grantee's Mailing Address:

12406 Mustang Court
Magnolia, Texas 77354

Consideration: \$10.00 Cash, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and a note of even date executed by Grantee and payable to the order of SOUTH TRUST BANK, N.A., in the principal amount of SIXTY EIGHT THOUSAND EIGHT HUNDRED DOLLARS AND 0/100 CENTS (\$68,800.00). The note is secured by a first and superior vendor's lien and superior title retained in this deed in favor of SOUTH TRUST BANK, N.A., and by a first-lien deed of trust of even date from Grantee to DWAYNE L. MCWILLIAMS, Trustee.

The vendor's lien against and superior title to the Property are retained until each note described is fully paid according to its terms, at which time this deed will become absolute. SOUTH TRUST BANK, N.A., at Grantee's request, has paid in cash to Grantor that portion of the purchase price of the Property that is evidenced by the note. The first and superior vendor's lien against and superior title to the Property are retained for the benefit of SOUTH TRUST BANK, N.A., and are transferred to SOUTH TRUST BANK, N.A., without recourse against Grantor.

Property (including any improvements):

Lot 14, ENSENADA SHORES AT CANYON LAKE, UNIT FOUR, according to the map or plat thereof, recorded in County Clerk's File No. 200706015755, Map and Plat Records, Comal County, Texas.

Reservations from Conveyance: None.

RECEIVED

AUG 13 2018

COUNTY ENGINEER

RECEIVED
AUG 13 2018
COUNTY ENGINEER

Exceptions to Conveyance and Warranty: Liens described as part of the Consideration and any other liens described in this deed as being either assumed or subject to which title is taken; validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing restrictions, assessments, reservations, covenants, conditions, oil and gas leases, mineral interests, and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; and taxes for 2018 and subsequent years, which Grantee assumes and agrees to pay.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

This deed is made as a correction deed in substitution of the deed titled "General Warranty Deed Reserving Vendor's Lien in Favor of Third Party" ("Corrected Deed") dated February 15, 2018, and recorded as County Clerk's Document No. 201806006213, in the Official Public Records of Comal County, Texas, to correct the following incorrect information: the Grantee as set forth in the Corrected Deed is incorrect. Corrected Deed was intended by the parties to the Contract to convey the Property to BRETT ALLEN BYRUM and KARLA RENEE BYRUM, as set forth hereinabove. The incorrectly named Grantee was an inadvertent error as a result of mutual mistake by Grantor and Grantee. The correct Grantee for the Property is as set forth hereinabove. To the extent necessary to effect this correction, BRETT ALLEN BYRUM hereby grants, sells, and conveys to KARLA RENEE BYRUM an undivided one-half interest in and to the Property, together with all and singular the rights and appurtenances thereto in any way belonging. BRETT ALLEN BYRUM and KARLA RENEE BYRUM hereby confirm that as a result of this correction, they each own an undivided fifty percent (50%) interest in and to the Property, together with all and singular the rights and appurtenances thereto in any way belonging. Other than the stated correction, this deed is intended to restate in all respects the Corrected Deed, and the effective date of this correction deed relates back to the effective date of the Corrected Deed.

When the context requires, singular nouns and pronouns include the plural.

Signature and notary acknowledgment page follows.

GRANTOR:

QUEST IRA, INC., fbo SHANNAN SULLIVAN
IRA 17089-21

By:

Name:

Title:

RECEIVED

AUG 13 2018

COUNTY ENGINEER

GRANTEE:

Brett Allen Byrum
BRETT ALLEN BYRUM

Karla Renee Byrum
KARLA RENEE BYRUM

STATE OF TEXAS

COUNTY OF _____

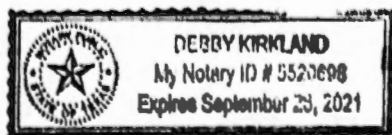
This instrument was acknowledged before me on the _____ day of February, 2018, by
_____, the _____ of QUEST IRA, INC.
fbo SHANNAN SULLIVAN IRA 17089-21.

NOTARY PUBLIC, State of Texas

STATE OF TEXAS

COUNTY OF COMAL

This instrument was acknowledged before me on the 23rd day of February, 2018, by
BRETT ALLEN BYRUM and KARLA RENEE BYRUM.



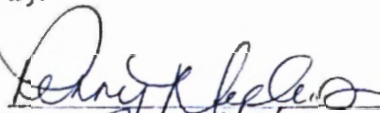
Derby Kirkland
NOTARY PUBLIC, State of Texas

RECEIVED
AUG 13 2018
COUNTY ENGINEER

GRANTOR:

QUEST IRA, INC., fbo SHANNAN SULLIVAN
IRA 17089-21

By:


Name: Penny Medeiros
Title: Real Estate Supervisor

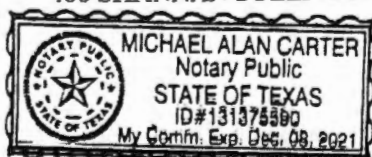
GRANTEE:

BRETT ALLEN BYRUM

KARLA RENEE BYRUM

STATE OF TEXAS §
COUNTY OF HARRIS §

This instrument was acknowledged before me on the 21 day of February, 2018, by
Penny Medeiros, the Real Estate Supervisor of QUEST IRA, INC.
fbo SHANNAN SULLIVAN IRA 17089-21.




NOTARY PUBLIC, State of Texas

STATE OF TEXAS §
COUNTY OF COMAL §

This instrument was acknowledged before me on the _____ day of February, 2018, by
BRETT ALLEN BYRUM and KARLA RENEE BYRUM.

NOTARY PUBLIC, State

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
02/26/2018 11:17:17 AM
CASHONE 4 Page(s)
201806007062



Bobbie Koepp

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

(830) 850-0080
Fax: (830) 935-4932

Permit #: 107970

To: Home Owner
627 Angelica Vista
Canyon Lake, TX 78133

Tech Not Assigned
Brand/Mfg: MAXX AIR -
System S/N:
Aerator and S/N:

Site: 627 Angelica Vista Canyon Lake
Agency: Comal County
County:
Subdivision: Ensenada Shores at Canyon Lake

Installed
Phone: (281) 804-1281
Cell
Work

Contract: 7/3/2019 - 7/3/2022
Inspections per year: 3
Service Due: 11/3/2019
Alt Phone
Warranty Ending

Inspection Type: _____ Inspection # _____ of _____ for the contract year

Item	Operational	Inoperative	N/A
Aerator:	_____	_____	✓
Irrigation pump:	✓	_____	_____
Air compressor:	✓	_____	_____
Disinfection device:	✓	_____	_____
Chlorine supply:	✓	_____	_____
Spray field vegetation:	✓	_____	_____
Sprinkler / Drip backwash:	✓	_____	_____
Photocell Test:	_____	_____	✓
Autodialer:	_____	_____	✓
Water Meter Reading: _____ CFM: _____ PSI: _____			

1.6"
2.0"
3.0"

Test Results and observations: (As Required)

Fecal Coliform: _____
Chlorine Residual: _____
Test Method: _____
BOD: _____
TSS: _____
Commercial Lab: _____
Date Submitted: _____

Repairs made: Y / N

Repairs and Comments: *Slum 1/4*

Inspector: _____

Date: _____
29 850414
98277153

Area / 0
GPS

ID = 597

Printed 11/6/2019

627 Angelica Vista, Canyon Lake

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Home Owner
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 4/7/2020
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Customer ID: 597

Agency: Comal County

Contract Dates: 7/3/2019 - 7/3/2022

County:

Sub: Ensenada Shores at Canyon Lake

Scheduled Date: 3/3/2020

Inspection 2 of 9

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Visit Date: 4/7/2020

Entered By: _

Method: Grab

☒ Copy emailed to Customer

Customer Emailed: 4/7/2020

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 6"

Irrigation Pumps: Operational

For Tank 2: 4"

Disinfection Device: Operational

For Tank 3: 2"

Chlorine Supply: Operational

Chlorine Residual: .07

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

☒ **Service Completed**

Scum on pretreatment: 1" - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 4/7/2020.

Insp ID #:3994

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

(830) 850-0080
Fax: (830) 935-4932

Permit #: 107970

To: Home Owner
627 Angelica Vista
Canyon Lake, TX 78133

Tech: Not Assigned
Brand/Mfg.: MAXX AIR -
System S/N:
Aerator and S/N:

Contract: 7/3/2019 - 7/3/2022
Inspections per year: 3
Service Due: 3/3/2020
Alt Phone:
Warranty Ending:

Site 627 Angelica Vista, Canyon Lake
Agency: Comal County
County:
Subdivision: Ensenada Shores at Canyon Lake

Installed:
Phone: (281) 804-1281
Cell:
Work:

Inspection Type: _____ Inspection # _____ of _____ for the contract year

Item	Operational	Inoperative	N/A			
Aerator:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	#1	6"	1"
Irrigation pump:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Air compressor:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Disinfection device:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Chlorine supply:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	#2	4"	
Spray field vegetation:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Sprinkler / Drip backwash:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Photocell Test	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	#3	2"	
Autodialer:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Water Meter Reading:	CFM: _____	PSI: _____				

Test Results and observations: (As Required)

Fecal Coliform: _____
Chlorine Residual: 0.07
Test Method: d.p
BOD: _____
TSS: _____
Commercial Lab: _____
Date Submitted: _____

Repairs made: Y ☒ N

Repairs and Comments:

Inspector: _____ Date: _____

Gate code: 014014

ES

Area: / 0
GPS: 29.850414 -98.2771 ID = 597

Printed: 3/19/2020

627 Angelica Vista Canyon Lake

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 11/20/2020
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Agency: Comal County

County:

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Ensenada Shores at Canyon Lake

Customer ID: 597

Contract Dates: 7/3/2019 - 7/3/2022

Scheduled Date: 11/3/2020

Inspection 4 of 9

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

Visit Date: 11/19/2020

Method: Grab

Technician: Ryan Seidensticker

Maint. Provider: Ryan Seidensticker

☒ This counts as a type of "Scheduled Inspection"

Entered By: _

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.20

Sludge Levels

For Tank 1: 11

For Tank 2: 1

For Tank 3: 1

Tank Lid / Riser: Secured

Sprinkler Drip Backwash: Good

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Scum on pretreatment: 3" - Technician Secured the Tank Lid and/or Riser prior to leaving location.

☒ **Service Completed**

Owner signature: _____

Insp ID #: 6724

Provider: Christopher Ryan Seidensticker
PS Septic Supply & Service

License Info: MP0001708 Expires:

Technician: Christopher Ryan Seidensticker
PS Septic Supply & Service

License Info: MP0001708 Expires: 9/1/2023

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 3/22/2021
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Agency: Comal County

County:

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Ensenada Shores at Canyon Lake

Customer ID: 597

Contract Dates: 7/3/2019 - 7/3/2022

Scheduled Date 3/3/2021

Inspection 5 of 9

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

Visit Date: 3/19/2021

Method: Grab

Technician: Landon Gronvold

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.3mg/L

Sludge Levels

For Tank 1: 23

For Tank 2: 4

☒ This counts as a type of "Scheduled Inspection"

Entered By: _

Tank Lid / Riser: Secured

Sprinkler Drip Backwash: Good

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Scum on pretreatment: 10" - Technician Secured the Tank Lid and/or Riser prior to leaving location.

☒ **Service Completed**

Owner signature: _____

Insp ID #: 8569

Provider: Christopher Ryan Seidensticker
PS Septic Supply & Service

License Info: MP0001708 Expires:

License Info: MT0001995 Expires: 10/31/2021

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 7/6/2021
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Agency: Comal County

County:

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Ensenada Shores at Canyon Lake

Customer ID: 597

Contract Dates: 7/3/2019 - 7/3/2022

Scheduled Date 7/3/2021

Inspection 6 of 9

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Visit Date: 7/2/2021

Entered By: _

Method: Grab

Technician: Ryan Seidensticker

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .07

Sludge Levels

For Tank 1: 4

For Tank 2: 4

For Tank 3: 1

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

- Scum=3 Technician Secured the Tank Lid and/or Riser prior to leaving location.

☒ **Service Completed**

Owner signature: _____

Insp ID #: 10660

Provider: Christopher Ryan Seidensticker
PS Septic Supply & Service

Technician: Christopher Ryan Seidensticker
PS Septic Supply & Service

License Info: MP0001708 Expires:

License Info: MP0001708 Expires: 9/1/2023

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 11/5/2021
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Agency: Comal County

County:

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Ensenada Shores at Canyon Lake

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Customer ID: 597

Contract Dates: 7/3/2019 - 7/3/2022

Scheduled Date: 11/3/2021

Inspection 7 of 9

Service Type: Scheduled Inspection

Visit Date: 11/4/2021

Method: Grab

Technician: Michale Albers

Maint. Provider: Ryan Seidensticker

☒ This counts as a type of "Scheduled Inspection"

Entered By: Danielle Jordan

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Sludge Levels

For Tank 1: 4

Tank Lid / Riser: Secured

Sprinkler Drip Backwash: Good

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Scum - 5" - Technician Secured the Tank Lid and/or Riser prior to leaving location.

☒ **Service Completed**

Insp ID #:12798

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 2/25/2022
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Agency: Comal County

County:

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

Sub: Ensenada Shores at Canyon Lake

Customer ID: 597

Contract Dates: 7/3/2019 - 7/3/2022

Scheduled Date: 3/3/2022

Inspection 8 of 9

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

Visit Date: 2/25/2022

Method: Grab

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

☒ This counts as a type of "Scheduled Inspection"

Entered By: _

☒ Copy emailed to Customer
Customer Emailed: 2/25/2022

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Sludge Levels

For Tank 1: 18

For Tank 2: 6

For Tank 3: 1

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

Comments

☒ **Service Completed**

Scum on pretreatment 6" - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 2/25/2022.

Insp ID #:15740

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:



PAUL SWOYER SEPTIC SUPPLY &
SERVICE
23011 FM 306
CANYON LAKE, TX 78133

MP#0001708

CHRISTOPHER RYAN SEIDENSTICKER

PROPERTY LEGAL DESCRIPTION:

Customer: Brett Byrum

Site Address: 627 Angelica Vista

City/State: Canyon Lake, Tx **Zip:** 78133

County: Comal **Permit#:** 107970

Phone Number: 281-804-1281

E-mail: babyrum25@gmail.com

I. General: This On-Site Sewage Facility Service Agreement (hereinafter referred to as "Agreement") is entered into by and between Brett Byrum (hereinafter referred to as "Client") and PS Supply & Service LLC. (hereinafter referred to as "Contractor"). By this agreement, Contractor agrees to render services, as described herein (the "Services"), and the client agrees to fulfill his/her/their responsibilities under this agreement herein.

II. Effective Dates:

Date of License to Operate: 07/03/2022 Last Date of Service: 07/03/2024

III. Services by Contractor: Contractor will provide the following Services:

1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with the code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located (the "County") and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
3. Notify Client and repair any components of the OSSF that are found to be in need of repair during the inspection. If warranty, you just do it. If not, Client will be responsible. Repairs will be made so brought up to compliance and bill forward.
4. Visit site in response to Client's request for unscheduled service within two business days from the date of Contractor's actual receipt of Client's request. Unscheduled service visits are not included in the fee agreement herein and will be billed to the client in addition to fees under this Agreement.
5. Provide notification of arrival to site to the Client or to site personnel. Additionally, Contractor will leave written notification of the visit at the site or with site personnel upon completion of inspection, and forward such notice to the appropriate regulatory authority within fourteen (14) days.

IV. Payment(s): Client shall pay to Contractor 350.00, for the Services describe herein (the "Inspection and Routine Maintenance Fee"), excepting those described in Section III (4), or Section IX, herein. The Fee does not include equipment, parts or labor supplied for anything beyond routine inspection and routine maintenance. Payments for such additional services are due at the time services are provided or rendered. Payments not received within thirty (30) days from the due date will be subject the greater of a \$20.00 late penalty or 1.5% carrying charge on the original balance for each month or portion thereof a balance in past due. If for any reason such charges are found to be usurious by a court of competent jurisdiction, such charges shall be reduced to the maximum allowable by law. By signing this contract, Client authorizes Contractor to remove any parts installed, but not paid in full at the end of the thirty (30) days. Client agrees to pay for any labor cost associated with the installation and the reasonable cost of removal of said parts.

Client: BB

Contractor: PS

V. Client's Responsibilities: Client is responsible for each and all of the following:

1. To maintain chlorinator and provide proper chlorine supply, if OSSF is so equipped.
2. To provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor ready access to all parts of the OSSF.
3. To maintain a current license to operate, and abide by the conditions and limitations of that license and all requirements for on-site sewage facilities from the State and local regulatory agency.
4. To maintain the OSSF in accordance with manufacturer's recommendations.
5. To immediately notify Contractor and Agency of any and all problems with the OSSF, including failure thereof.
6. Upon receipt of any written notification of required services from Contractor, to contact Contractor and authorize the required service. If Client elects a different contractor to perform the required service, Client is responsible for ensuring the substitute contractor holds the proper license (Installer II) and is certified by the manufacturer. Additionally, Client shall be responsible for ensuring proper notification is given to the appropriate regulatory authority, as required by the State and/or local regulatory authority rules.
7. To provide Contractor with water usage records, upon request, for evaluation by Contractor of the OSSF performance.
8. To pay required sampling charges for samples collected for testing (e.g. Biological Oxygen Demand/Total Suspended Solids ("BOD/TSS")) that may be required on the OSSF.
9. To prevent backwash from water treatment or water conditioning equipment to enter the OSSF.
10. To provide, at Client's expense, for pumping of tanks as needed.
11. To maintain site drainage sufficient to prevent adverse effects on the OSSF.
12. To promptly and fully pay Contractor's bills, fees, or invoices as described herein.

VI. Access by Contractor: Client agrees to allow Contractor, or personnel authorized by the Contractor, to enter the property at reasonable times without prior notice for the purpose of performing the Services described herein. Such entry shall include access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by the manufacturer, and/or regulatory authority rules. If such manways or risers are not in place, Client shall allow and be responsible for payment of required excavation, including labor and materials, necessary to allow access to the OSSF or any required components. Such excavation shall be billed at the rate of \$75.00 per hour for labor, plus materials billed at list price. Contractor shall make only those efforts reasonable under the circumstances to replace excavated soil.

VII. Application or Transfer of Payment: The fees paid for this agreement may transfer to any subsequent owner(s) of the property on which the OSSF is located. The subsequent owner(s) must sign a similar agreement authorizing Contractor to perform the above-described Services, and accepting Client's responsibilities. The replacement Agreement must be signed and received within 30 days of transfer of ownership. Contractor will apply all funds received from Client first to any past due obligations arising from this Agreement including late charges, return check charges, and charges for repairs or services not paid within 30 days of invoicing. The consumption of the payment in this manner may lead to termination of the agreement by Contractor

VIII. Termination of Agreement: This agreement may be terminated by either party with 30 days written notice. If this agreement is so terminated by Client, Contractor shall be paid at the rate of \$75.00 per hour for any work performed or required, but not yet paid. If terminated by Contractor, all amounts outstanding shall be due within thirty days of termination. The party terminating will immediately notify the other party, the equipment manufacturer, and the regulatory agency of the termination.

IX. Limitation of Liability: In no event shall Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for direct damages exceed payments by the Client under this Agreement.

X. Severability and Reformation: If any provision in this Agreement shall be held to be invalid or unenforceable for any reason, it shall be reformed to the minimum extent necessary to effect the intent of the Parties. If any provision is such that it cannot reasonably be reformed, it shall be struck from this Agreement and the remaining provisions shall continue to be valid and enforceable.

XI. Performance of Agreement: Commencement of performance by Contractor under this agreement is contingent on the following conditions: (1) Contractor receiving a fully executed original copy of this agreement. (2) Contractor receiving payment in full of the fee(s) described herein. If the above conditions are not met, then Contractor is from any obligation to perform any portion of this agreement.

XII. Modification. This Agreement may not be changed or modified except by an instrument in writing, signed by both Contractor and Client.

XIII. Waiver. Except as otherwise noted in this Agreement, the waiver by other party of a breach of any provision of this Agreement shall not operate or be construed as a continuing waiver or as a consent to or waiver of any subsequent breach hereof.

Client: BB

Contractor: KS

XIV. Headings. The Article and Section headings in this Agreement are for the convenience of reference only and do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

XV. GOVERNING LAW AND CHOICE OF VENUE. EACH OF THE PARTIES HERETO HEREBY CONSENTS TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND TO THE UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS – SAN ANTONIO DIVISION, AS WELL AS TO THE JURISDICTION OF ALL COURTS TO WHICH AN APPEAL MAY BE TAKEN FROM SUCH COURTS, FOR THE PURPOSE OF ANY SUIT, ACTION, OR OTHER PROCEEDING ARISING OUT OF, OR IN CONNECTION WITH, THIS AGREEMENT OR ANY OF THE TRANSACTIONS CONTEMPLATED HEREBY, INCLUDING, WITHOUT LIMITATION, ANY PROCEEDING RELATING TO ANCILLARY MEASURES IN AID OF ARBITRATION, PROVISIONAL REMEDIES AND INTERIM RELIEF, OR ANY PROCEEDING TO ENFORCE ANY ARBITRAL DECISION OR AWARD. EACH PARTY HERETO EXPRESSLY WAIVES ANY AND ALL RIGHTS TO BRING ANY SUIT, ACTION, OR OTHER PROCEEDING IN OR BEFORE ANY COURT OR TRIBUNAL OTHER THAN COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND COVENANTS THAT IT SHALL NOT SEEK IN ANY MANNER TO PROSECUTE OR DEFEND ANY DISPUTE OTHER THAN AS SET FORTH IN THIS ARTICLE XVI OR TO CHALLENGE OR SET ASIDE ANY DECISION, AWARD, OR JUDGMENT OBTAINED IN ACCORDANCE WITH THE PROVISIONS HEREOF. EACH OF THE PARTIES HERETO HEREBY EXPRESSLY WAIVES ANY AND ALL OBJECTIONS IT MAY HAVE TO VENUE, INCLUDING, WITHOUT LIMITATION, THE INCONVENIENCE OF SUCH FORUM, IN ANY OF SUCH COURTS.

XVI. JURY TRIAL WAIVER. THE PARTIES HEREBY UNCONDITIONALLY WAIVE THEIR RIGHT TO A JURY TRIAL OF ANY AND ALL CLAIMS OR CAUSES OF ACTION ARISING FROM OR RELATING TO THEIR RELATIONSHIP. THE PARTIES ACKNOWLEDGE THAT A RIGHT TO A JURY IS A CONSTITUTIONAL RIGHT, THAT THEY HAVE HAD AN OPPORTUNITY TO CONSULT WITH INDEPENDENT COUNSEL, AND THAT THIS JURY WAIVER HAS BEEN ENTERED INTO KNOWINGLY AND VOLUNTARILY BY ALL PARTIES TO THIS AGREEMENT. IN THE EVENT OF LITIGATION, THIS AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

Approved by Contractor:

DocuSigned by:

Brett Byrum

Approved by Client:

F8B42435467D49A...

MP#0001708

CHRISTOPHER RYAN SEIDENSTICKER

XVII. Reservation of Rights. Contractor reserves all rights not specifically granted herein.

XVIII. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together will constitute one and the same instrument.

XIX. Counsel. Contractor has previously recommended that Client engage counsel to assist him/her/it in reviewing this Agreement and all other matters relating to it. Contractor and Client shall each bear his/her/its own costs and expenses in connection with the negotiation and documentation of this Agreement.

XX. Entire Agreement: This agreement contains the entire agreement of the parties, and there are no promises or conditions in any other agreement, oral or written. The Parties expressly disclaim reliance on any prior statements, oral or written, by either party not expressly provided for herein.

DS
BB
Client: _____

Contractor: *RS*

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Printed: 6/29/2022
Site: 627 Angelica Vista
Canyon Lake, TX 78133
(281) 804-1281

Permit #: **107970**

Customer ID: 597

Agency: Comal County

Contract Dates: 7/3/2022 - 7/3/2024

County:

Sub: Ensenada Shores at Canyon Lake

Scheduled Date: 7/3/2022

Inspection 1 of 6

Mfg / Brand: - MAXX AIR

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates - Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

☒ This counts as a type of "Scheduled Inspection"

Visit Date: 6/28/2022

Entered By: Michelle Irvin

Method: Grab

Technician: Nick Zigalo

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 13

Irrigation Pumps: Operational

For Tank 2: 15

Disinfection Device: Operational

For Tank 3: 4

Chlorine Supply: Operational

Chlorine Residual: .03

Tank Lid / Riser: Secured

Sprinkler Drip Backwash: Good

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

☒ **Service Completed**

Scum = 3" - Technician Secured the Tank Lid and/or Riser prior to leaving location.

Insp ID #: 19148

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

License Info: MT0002016 Expires: 12/31/2023

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

Printed: 11/14/2022 Insp ID #: 22820

Permit #: **107970**

To: Brett Byrum
627 Angelica Vista
Canyon Lake, TX 78133

Main Phone: (281) 804-1281
Work:
Cell Phone:
Alt Cell:

Customer ID: 597

Contract Dates: 7/3/2022 - 7/3/2024

Scheduled Date: 11/3/2022

Inspection 2 of 6

Installed: 7/3/2019

Warranty End: 7/3/2022

Agency: Comal County

County: Comal County

Mfg / Brand: - MAXX AIR

Sub: Ensenada Shores at Canyon Lake

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates: Latitude: 29.850414 Longitude: -98.277153

Service Type: Scheduled Inspection

Visit Date: 11/11/2022

Method: Grab

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

☒ This counts as a type of "Scheduled Inspection"

Entered By: Ashley Spitzenberger

☒ Copy emailed to Customer

Customer Emailed: 11/14/2022

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .32

Sludge Levels

For Tank 1: 12

For Tank 2: NA

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

Comments

☒ **Service Completed**

- Scum on pretreatment 4 - Red switch secure - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 11/14/2022.

Site: 627 Angelica Vista, Canyon Lake, TX 78133

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

Other Observations

Cleaned Air Filter?



Inspection Port/Plug Secured?



System Flushed?



Repairs Made?



Drip Filter Cleaned?



Pump Filter Cleaned?



Tank Lids Secured?



Pumping Required?



Additional Comments

System is working properly made customer about fire ants around his compressor recommended to customer to exterminate before damage is started to compressor and or control panel

Luke Campbell MT0002614

Inspector Name

January 30, 2024

Inspection Date

Luna Environmental / Logan Leppo

Maintenance Provider Name

LOGAN LEPP

License # MP0002494

Maintenance Provider Signature



WASTEWATER TREATMENT SYSTEM MAINTENANCE INSPECTION

Customer

Brett Byrum

Permit Number

107970

Site Address

627 Angelica Vista, Canyon Lake, TX 78133

Agency

Comal County

Email

babyrum25@gmail.com

Phone

(281) 804-1281

County

Comal

System Details

Treatment: Aerobic Surface Application Liquid Bleach / System: MAXX AIR 800 Max GPD

Contract Period

2022-07-03 to 2024-07-03

Service Plan

3 Inspections Per Year

Inspection Number

5 of 6

Date

January 30, 2024

INSPECTION

Equipment Inspection

Control Panel

Operational

Disinfection Device

Operational

Irrigation Pump

Operational

Spray Field Vegetation

Operational

Aerator / Air Compressor

Operational

Sprinkler / Drip Backwash

Operational

Floats / Sensors

Tests Results

Air Compressor PSI

3.0

Test Method

Grab

Air Compressor CFM

Color

Good

Chlorine Residual

0.02

Odor

Good

Sludge Levels

Tank 1

6

Tank 2

Na

Tank 3

2

Tank 4

0

Scum

10



WASTEWATER TREATMENT SYSTEM MAINTENANCE INSPECTION

Customer

Brett Byrum

Permit Number

107970

Site Address

627 Angelica Vista, Canyon Lake, TX 78133

Agency

Comal County

Email

babyrum25@gmail.com

Phone

(281) 804-1281

County

Comal

System Details

Treatment: Aerobic Surface Application Liquid Bleach / System: MAXX AIR 800 Max GPD

Contract Period

2024-08-31 to 2026-08-31

Service Plan

3 Inspections Per Year

Inspection Number

2 of 6

Date

January 27, 2025

INSPECTION

Equipment Inspection

Control Panel

Operational

Disinfection Device

Operational

Irrigation Pump

Operational

Spray Field Vegetation

Operational

Aerator / Air Compressor

Operational

Sprinkler / Drip Backwash

Operational

Floats / Sensors

Operational

Tests Results

Air Compressor PSI

2.3

Test Method

Grab

Air Compressor CFM

Color

Good

Chlorine Residual

0.0

Odor

Good

Sludge Levels

Tank 1

14

Tank 2

Tank 3

16

Tank 4

0

Scum

4

Other Observations

Cleaned Air Filter?



Inspection Port/Plug Secured?



System Flushed?



Repairs Made?



Drip Filter Cleaned?



Pump Filter Cleaned?



Tank Lids Secured?



Pumping Required?



Additional Comments

Pump, floats, alarms and air compressor are all operational. Cleaned air compressors filter. Solids in the primary tank are moderate to high. Solids in the clarification tank are moderate. Ran pump and watched water drop at a decent rate and also observed spray heads, pressurized and rotate. This is an operational OSSF.

Chase Carley

Inspector Name

January 27, 2025

Inspection Date

Luna Environmental / Logan Leppo

Maintenance Provider Name

LOGAN LEPP

License # MP0002494

Maintenance Provider Signature